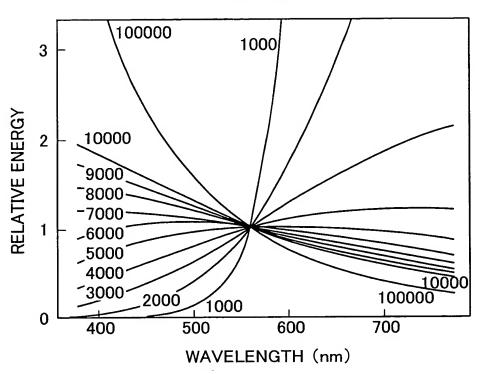
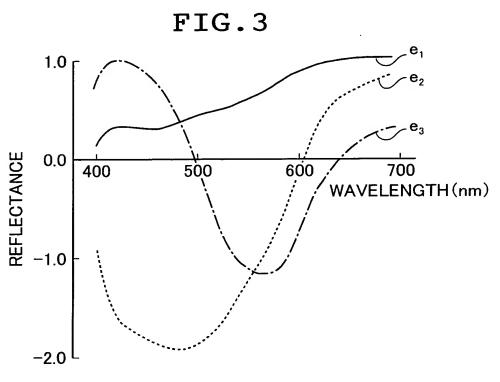


Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060

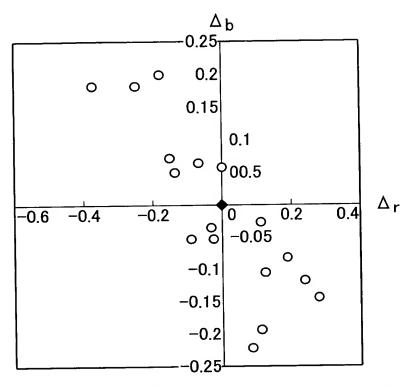






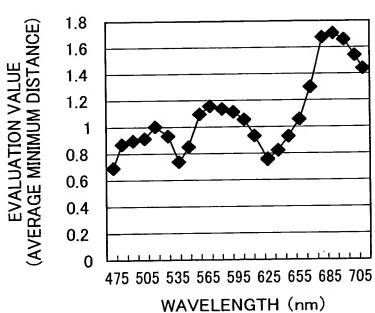
Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 2 of 17





◆ REFERENCE LIGHT SOURCE: CIE FLUORESCENT LAMP F8

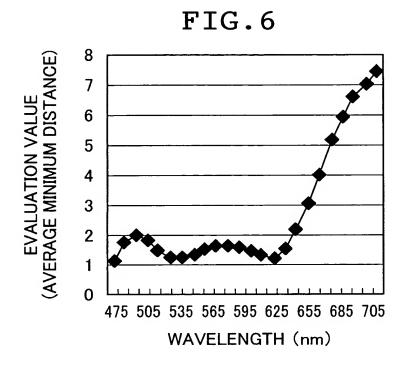
FIG.5

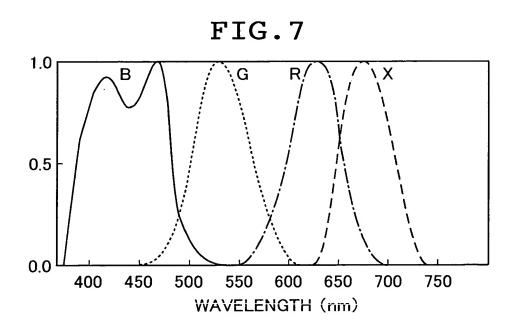


Koji TAKAHASHI, et al. Q'LIGHT SOURCE TYPE DISCRIMINATING METHOO, IMAGE FORMING METHOD... Date Filed: October 6, 2003

Darryl Mexic 3 of 17

(202) 293-7060





Koji TAKAHASHI, et al. Q777799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 4 of 17

FIG.8

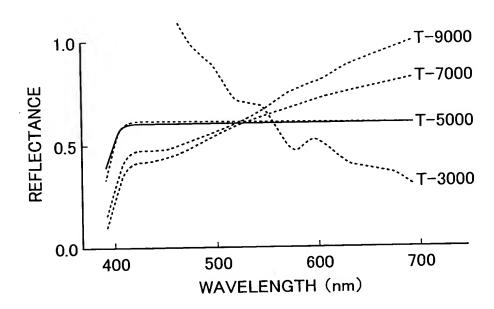
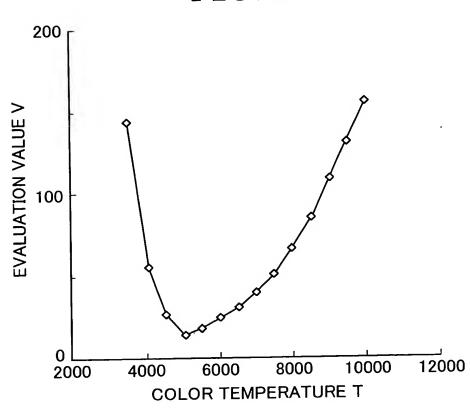
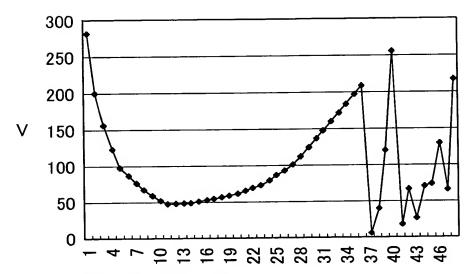


FIG.9



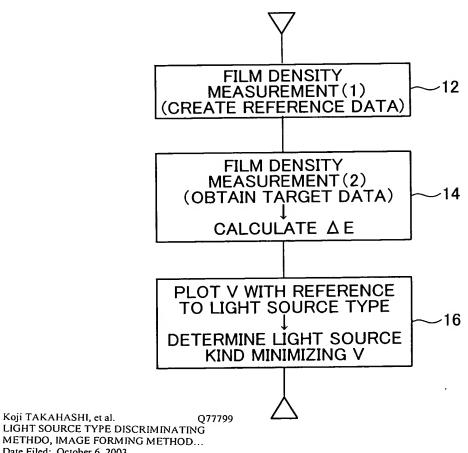
Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060

5 of 17



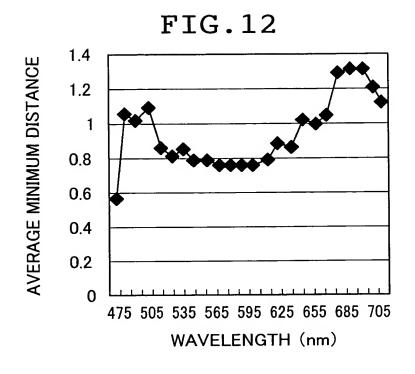
LIGHT SOURCE TYPE (1 TO 36: BLACK BODY COLOR TEMPERATURES, 37 TO 48: FLUORESCENT LAMPS F1 TO F12)

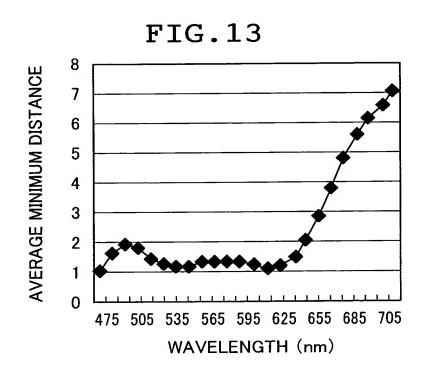
FIG.11



METHOO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 6 of 17

Koji TAKAHASHI, et al.

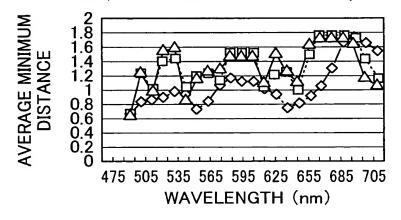




Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 7 of 17

FIG. 14

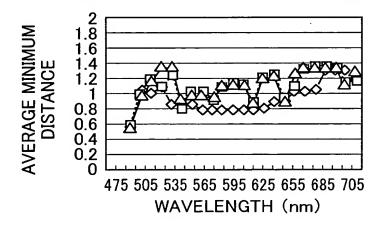
SIMILARITY BETWEEN LIGHT SOURCES (FLUORESCENT LAMP VS FLUORESCENT LAMP, SPECTRAL SENSITIVITY Superia 400)



	b=1.0
□	b=0.5
<u> </u>	b=0.33

FIG. 15

SIMILARITY BETWEEN LIGHT SOURCES (FLUORESCENT LAMP VS FLUORESCENT LAMP, SPECTRAL SENSITIVITY S1pro)



	h-1 0
□	
	b=0.33

Koji TAKAHASHI, et al. Q777799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 8 of 17

FIG. 16

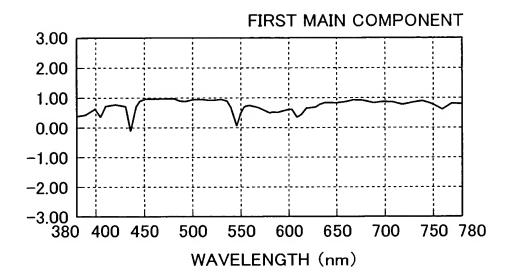
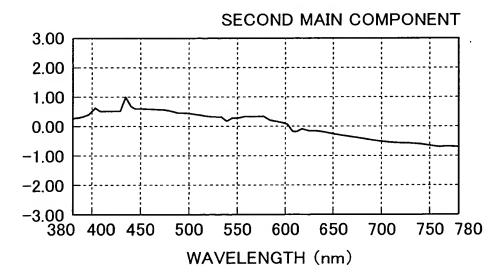


FIG.17



Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 9 of 17

FIG. 18

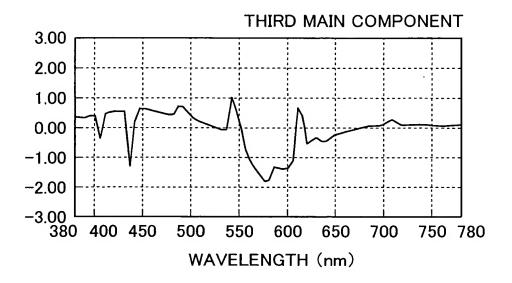
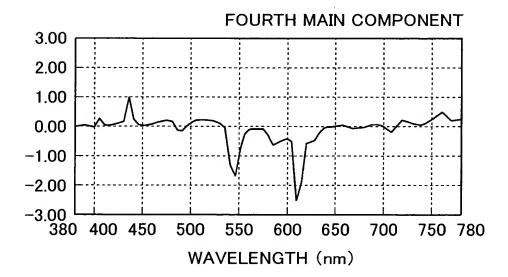


FIG.19



Koji TAKAHASHI, et al. Q777799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 10 of 17

FIG. 20

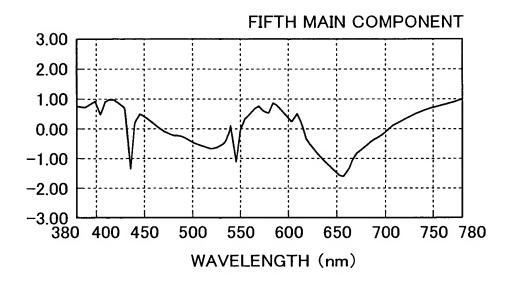
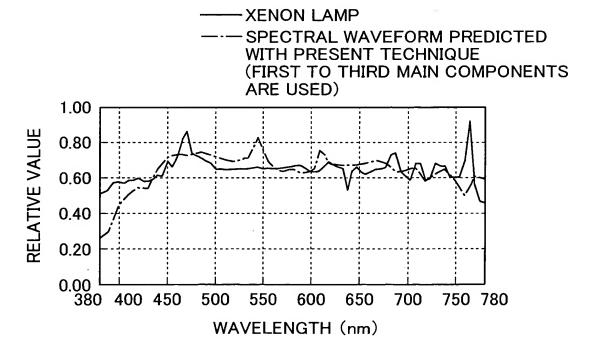


FIG.21



Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 11 of 17

----- COMMERCIALLY AVAILABLE FLUORESCENT LAMP + TUNGSTEN BULB ---- SPECTRAL WAVEFORM PREDICTED WITH PRESENT TECHNIQUE (FIRST TO THIRD MAIN COMPONENTS

ARE USED)

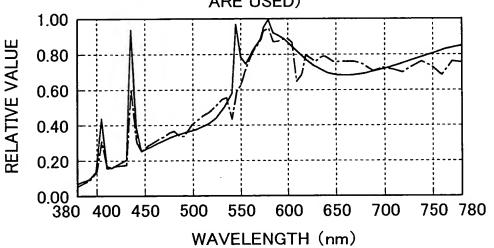
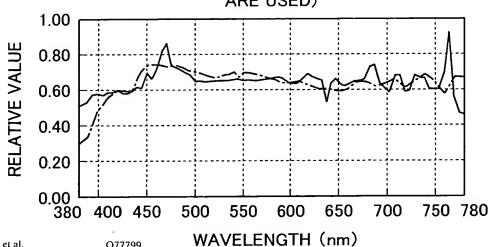


FIG.23

----XENON LAMP

—·— SPECTRAL WAVEFORM PREDICTED WITH PRESENT TECHNIQUE (FIRST TO FIFTH MAIN COMPONENTS ARE USED)



Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060 12 of 17

—— COMMERCIALLY AVAILABLE FLUORESCENT LAMP + TUNGSTEN BULB

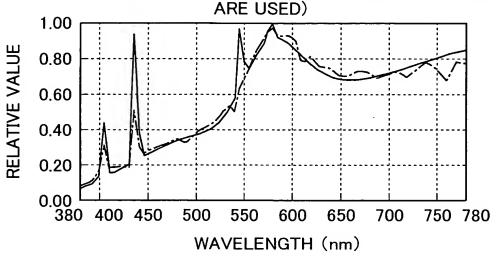
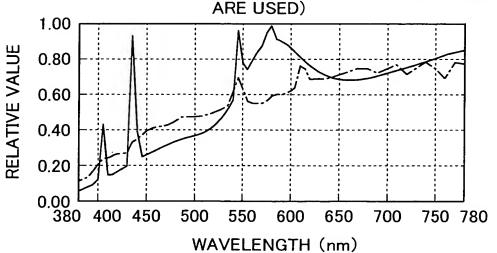


FIG.25

----- COMMERCIALLY AVAILABLE FLUORESCENT LAMP + TUNGSTEN BULB



Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060

13 of 17

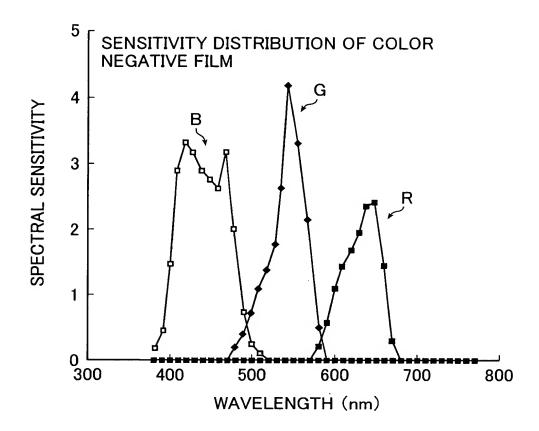


FIG. 27

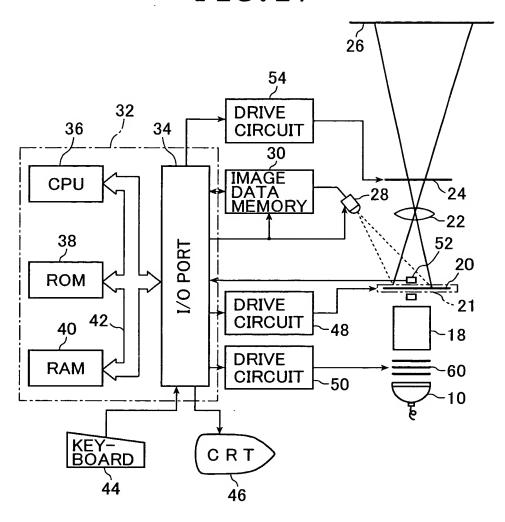


FIG.28

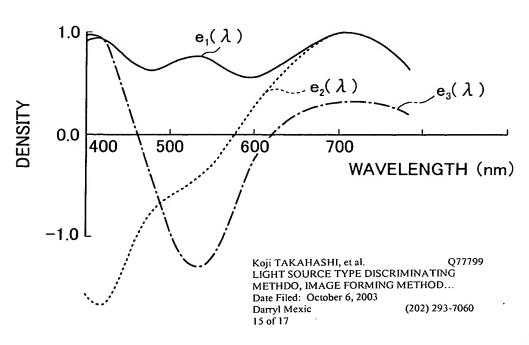
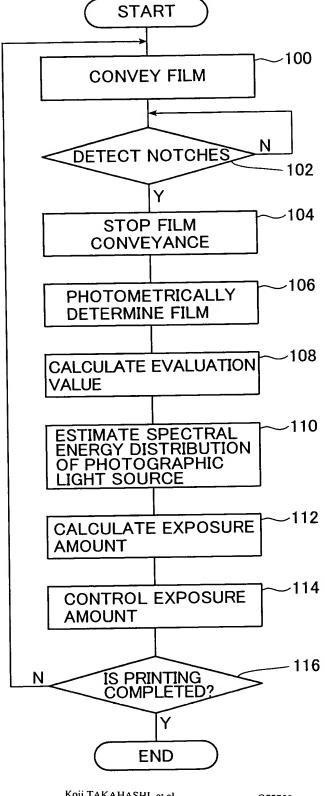


FIG.29



Koji TAKAHASHI, et al. Q77799 LIGHT SOURCE TYPE DISCRIMINATING METHDO, IMAGE FORMING METHOD... Date Filed: October 6, 2003 Darryl Mexic (202) 293-7060

